State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

Sheep Bay 2 0-013 Mainstem 0-023

AWC Volume SE (SC) SW W AR IN **USGS Quad** Cordova C-6

Anadromous Water Catalog Number of Waterway 221-20-10387

Name of Waterway _____ **USGS name** ___ **Local name** ___

94 226

Addition ✓ **Deletion** ___ **Correction** ___ **Backup Information** ___

For Office Use

Nomination # _____	_____ **Regional Supervisor**	1/18/94 **Date**
Revision Year: -94	Ed Weiss	1/6/94
Revision to: Atlas ___ Catalog ___ Both X	J. Drove **Drafted**	2/9/94 **Date**
Revision Code: A-2		

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink Salmon / Adult	8/18/93	160			✓

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: 160 adult pink salmon were observed in this stream during a foot survey. The barrier is a spring which marks the headwaters of this system some 40 meters upstream from the upper extent of the pink salmon. Channel width is 5 meters at the mouth and 10 meters at the barrier. Gradient is one percent.

ALASKA DEPT. OF FISH & GAME
NOV 03 1993
REGION II HABITAT RESTORATION

Name of Observer (please print) Wesley Ghormley

Date: 10/6/93 **Signature:** Wesley Ghormley

Address: 333 Raspberry Rd.
Anchorage, AK

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: _____

Rev. 7/93

STREAM HABITAT ASSESSMENT 1993 – STREAMS

STREAM: SHEEP Bay 02 3-8-01 3-8-02 QUAD: Cordova - C6 STAGE: H (M) L

LANDOWNER: Chenega CAC (Eyak) Tatitlek Pt. Graham English Bay (circle one)

DATE(s): 8/18/93 UTM ZONE: 6

GPS FILES: (E)

SKETCH (indicate UTM zones, if not uniform throughout the stream)

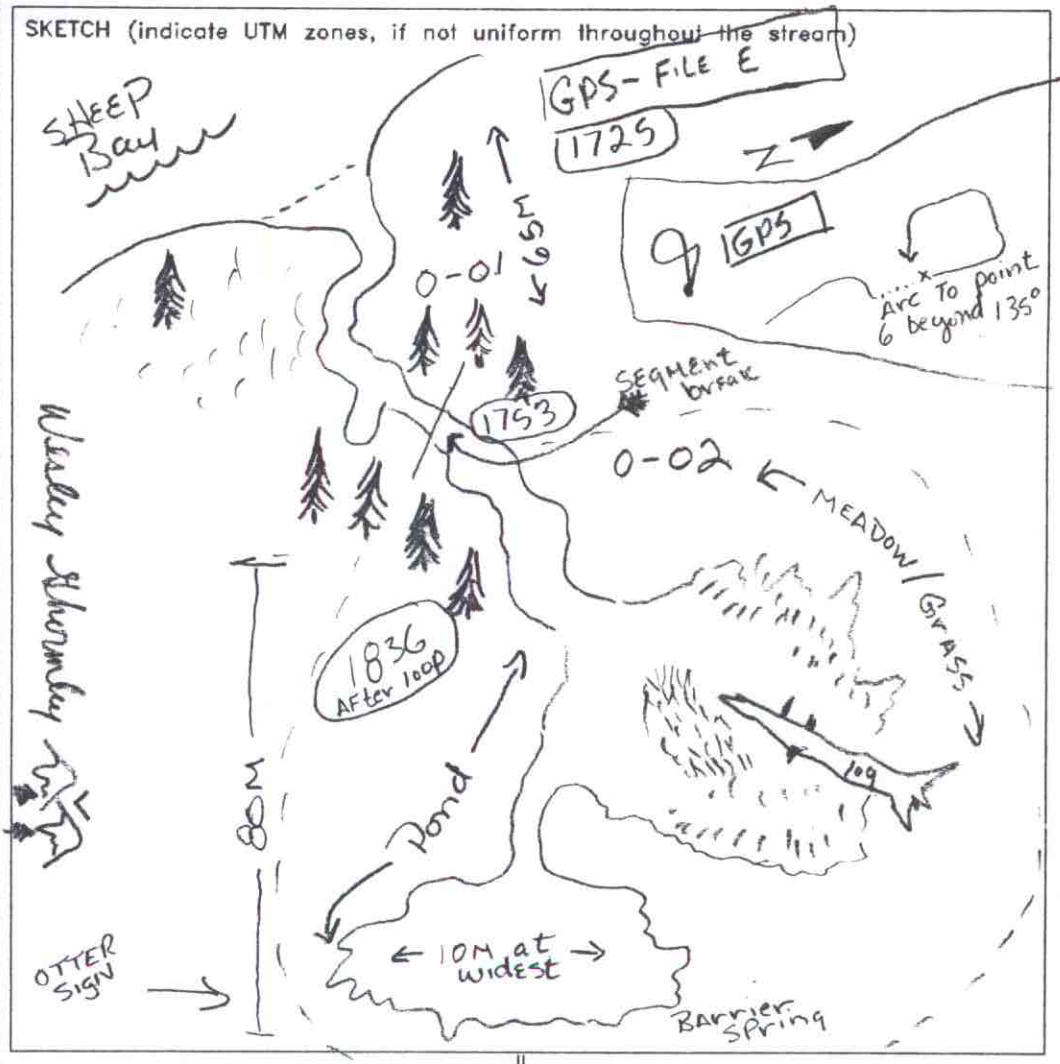


PHOTO ROLL(s): _____ VIDEO TAPE(s): _____

FRAME	DESCRIPTION	DATE	

(Please enter comments on the other side)

STREAM HABITAT ASSESSMEN. 1993 – SEGMENTS

STREAM: Sheep Bay ϕ2 SEGMENT: ϕ-ϕ1 DATE: 8/18/93 TEAM: WG, DG

ANADROMOUS (y) n WIDTH (m): 2.5 – ___ LENGTH (m): 65 GPS DATE: 8/18 DIGITIZE: y n

WATERBODY: (mainstem) tributary lake/pond wetland intertidal other : ___

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
Pink	A	150+	V				

GRADIENT(%): 1 CHANNEL PROFILE: A V B U C (□) D U E V F ▬

CHANNEL PATTERN: (single) multi braided

STREAM SUBSTRATE : (rank three most predominant types) BEDROCK ___ BOULDER ___ RUBBLE 3 COBBLE 2 GRAVEL 1 SAND ___ MUD/SILT ___ ORGANICS ___ OTHER: ___

STREAM COVER TYPE: ORGANIC DEBRIS ___ DEAD BRANCHES/TWIGS ___ LOGS ✓ BOULDERS ___ CUT BANK ✓ OVERHANGING VEGET. ✓ OTHER: ___

STREAM COVER ABUNDANCE: none low (medium) high

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:

OVERSTORY: ___ ___ ___

UNDERSTORY: Alder Grasses ferns

CANOPY ABOVE STREAM: none low (medium) high

GROWTH: mature secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? y (n) BARRIER TO SPECIES: NA adults juveniles

TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): ___ DIST. FROM UPPER EXTENT (m): NA

PHOTO ROLL(s): DG 01 VIDEO TAPE(s): ___

FRAME	DESCRIPTION	DATE	DESCRIPTION
12	mid seg downstream		

Substrate: Bedrock (solid) Boulder >1' Rubble 6–12" Cobble 2–6" Gravel .1–2" Sand <.1"

(Please enter comments on the other side)

STREAM HABITAT ASSESSMENT 993 – SEGMENTS

STREAM: Sheep Bay Ø2 SEGMENT: Ø-Ø2 DATE: 8/18/93 TEAM: WG, DG

ANADROMOUS: (y) n WIDTH (m): 5-10 LENGTH (m): 80 GPS DATE: 8/18 DIGITIZE: y n

WATERBODY: mainstem tributary (lake/pond) wetland intertidal other : _____

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
Pink	A	10	V	Predation			

GRADIENT(%): 1 CHANNEL PROFILE: A B C (D) E F

CHANNEL PATTERN: (single) multi braided

STREAM SUBSTRATE : (rank three most predominant types) BEDROCK ___ BOULDER ___ RUBBLE ___ COBBLE ___ GRAVEL ___ SAND ___ MUD/SILT 4 ORGANICS 2 OTHER: _____

STREAM COVER TYPE: ORGANIC DEBRIS ✓ DEAD BRANCHES/TWIGS ___ LOGS ✓ BOULDERS ___ CUT BANK ___ OVERHANGING VEGET. ✓ OTHER: _____

STREAM COVER ABUNDANCE: none low medium (high)

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:

OVERSTORY: _____ _____ _____

UNDERSTORY: Grasses Horsetail Fern

CANOPY ABOVE STREAM: none (low) medium high

GROWTH: mature secondary shrubs (meadow) muskeg intertidal

TOTAL BARRIER? (y) n BARRIER TO SPECIES: All adults juveniles

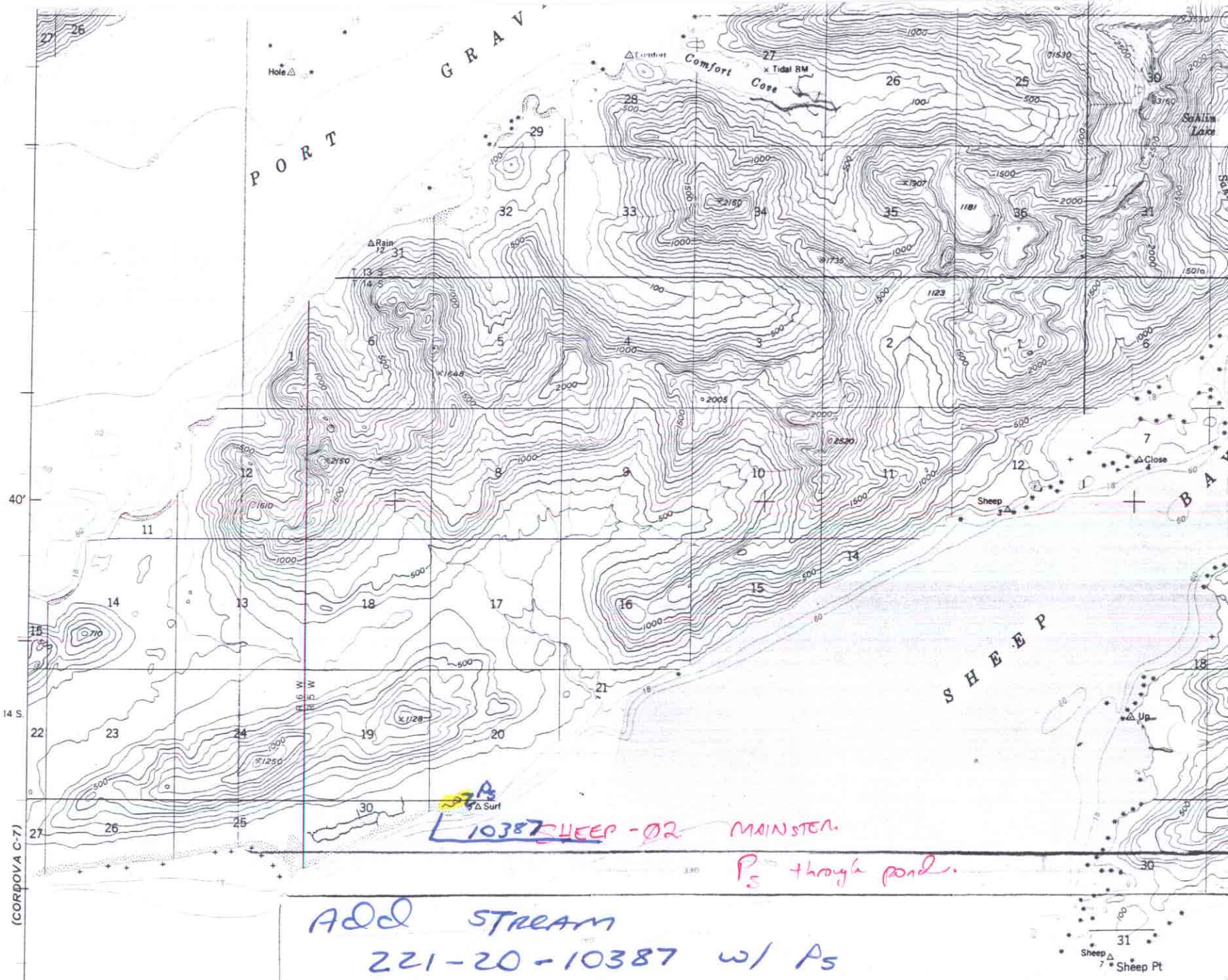
TYPE: fall slide beaverdam logjam (spring) substrate HEIGHT (m): NA DIST. FROM UPPER EXTENT (m): 40

PHOTO ROLL(s): DG Ø1 VIDEO TAPE(s): _____

FRAME	DESCRIPTION	DATE	DESCRIPTION
13	Midseg looking downstr.		

Substrate: Bedrock (solid) Boulder >1' Rubble 6–12" Cobble 2–6" Gravel .1–2" Sand <.1"

(Please enter comments on the other side)



A5

10387 SHEEP -02 MAINSTEM.

P5 through pond.

ADD STREAM

221-20-10387 w/ P5

MEMORANDUM

State of Alaska

DEPARTMENT OF FISH & GAME

TO: Ed Weiss
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

DATE: November 3, 1993

FILE NO.:

TELEPHONE NO.: 267-2295

SUBJECT: Anadromous Stream Nominations and Corrections Project R-51

FROM: Kathrin Sundet
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

Attached are anadromous stream nominations and corrections to be included in the Anadromous Waters Catalog for 53 streams surveyed in the fall of 1993 on private lands held by the Tatitlek and Eyak Native Corporations in northeast Prince William Sound.

Streams were surveyed by the Alaska Department of Fish and Game, Habitat and Restoration Division personnel, Kathrin Sundet, Jeff Barnhart, Dan Grey, and Wes Ghormley as part of Exxon Valdez Oil Spill Restoration project R-51 aka SHA (Stream Habitat Assessment).

Streams were surveyed on foot from the intertidal zone to the upper extent of anadromous fish distribution. Adult salmon and Dolly Varden were visually identified and enumerated. Juvenile salmon were visually identified in the stream, and then captured by electroshocking, dipnet, or minnow trap to confirm identification. Sampling was conducted periodically along the stream to determine the presence of juvenile salmon. No attempt was made to determine the rearing population sizes of juvenile salmon, or to determine the total escapement of adult salmon in a stream.

Stream data are on file at the Alaska Department of Fish and Game, Habitat and Restoration office, 333 Raspberry Road, Anchorage, Alaska.

There substantial discrepancies among shorelines on the USGS quad sheets, the DNR shoreline, and observed shorelines in this area. In some cases I have attached enlarged plots generated from GPS data and the DNR shoreline to the nomination form in order to illustrate the differences.

Attachments

cc w/o Attachments: Lance Trasky
Don McKay
Mark Kuwada